

FORM PTO-1449
(Rev. 2-32)U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

03-089-B1

Serial No.

10/709,500

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant:

Kapolka, et al

Filing Date:

May 10, 2004

Group:

3661

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	4,067,061	1/1978	Juhasz			
	2.	4,258,421	3/1981	Juhasz et al.			
	3.	4,630,292	12/1986	Juricich et al.			
	4.	4,677,429	6/1987	Glotzbach			
	5.	4,809,177	2/1989	Windle et al.			
	6.	4,926,331	5/1990	Windle et al.			
	7.	4,939,652	7/1990	Steiner			
	8.	4,979,170	12/1990	Gilhousen et al.			
	9.	5,157,610	10/1992	Asano et al.			
	10.	5,337,236	8/1994	Fogg et al.			
	11.	5,359,528	10/1994	Haendel et al.			
	12.	5,426,585	6/1995	Stepper et al.			
	13.	5,442,553	8/1995	Parrillo			
	14.	5,579,233	11/1996	Burns			
	15.	5,581,464	12/1996	Woll et al.			
	16.	5,612,875	3/1997	Haendel et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	17.	5,619,412	4/1997	Hapka			
	18.	5,648,768	7/1997	Bouve			
	19.	5,682,317	10/1997	Keeler et al.			
	20.	5,680,328	10/1997	Skorupski et al.			
	21.	5,694,322	12/1997	Westerlage et al.			
	22.	5,708,308	1/1998	Katayama et al.			
	23.	5,721,678	2/1998	Widl			
	24.	5,729,458	3/1998	Poppen			
	25.	5,732,074	3/1998	Spaur et al.			
	26.	5,742,915	4/1998	Stafford			
	27.	5,787,373	7/1998	Migues et al.			
	28.	5,803,043	9/1998	Bayron et al.			
	29.	5,815,071	9/1998	Doyle			
	30.	5,815,822	9/1998	Lu			
	31.	5,831,519	11/1998	Pederson et al.			
	32.	5,835,376	11/1998	Smith et al.			
	33.	5,835,868	11/1998	McElroy et al.			
	34.	5,844,987	12/1998	Matthews et al.			
	35.	5,864,831	1/1999	Schuessler			
	36.	5,917,434	6/1999	Murphy			
	37.	5,919,239	7/1999	Fraker			
	38.	5,928,291	7/1999	Jenkins et al.			
	39.	5,931,877	8/1999	Smith et al.			
	40.	5,937,421	8/1999	Petrov et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	41.	5,938,716	8/1999	Shutty et al.			
	42.	5,953,706	9/1999	Patel			
	43.	5,954,773	9/1999	Luper			
	44.	5,974,356	10/1999	Doyle et al.			
	45.	5,974,396	10/1999	Anderson et al.			
	46.	5,999,876	12/1999	Irons et al.			
	47.	6,008,740	12/1999	Hopkins			
	48.	6,026,384	2/2000	Poppen			
	49.	6,060,981	5/2000	Landes			
	50.	6,064,929	5/2000	Migues			
	51.	6,078,873	6/2000	Shutty et al.			
	52.	6,085,725	7/2000	Goode et al.			
	53.	6,087,965	7/2000	Murphy			
	54.	6,088,650	7/2000	Schipper et al.			
	55.	6,089,207	7/2000	Goode et al.			
	56.	6,091,340	7/2000	Lee et al.			
	57.	6,108,591	8/2000	Segal et al.			
	58.	6,111,539	8/2000	Mannings et al.			
	59.	6,157,317	12/2000	Walker			
	60.	6,167,333	12/2000	Gehlot			
	61.	6,169,515	1/2001	Mannings et al.			
	62.	6,181,995	1/2001	Luper et al.			
	63.	6,185,501	2/2001	Smith et al.			
	64.	6,195,023	2/2001	Walsh et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	65.	6,204,772	3/2001	DeMay et al.			
	59.	6,226,577	5/2001	Yeo			
	60.	6,232,874	5/2001	Murphy			
	61.	6,253,129	6/2001	Jenkins et al.			
	62.	6,259,988	7/2001	Galkowski et al.			
	63.	6,263,268	7/2001	Nathanson			
	64.	6,275,585	8/2001	Ablay et al.			
	65.	6,278,935	8/2001	Kaplan et al.			
	66.	6,292,724	9/2001	Apsell et al.			
	67.	6,295,492	9/2001	Lang et al.			
	68.	6,317,668	11/2001	Thibault			
	69.	6,370,449	4/2002	Razavi et al.			
	70.	6,389,337	5/2002	Kolls			
	71.	6,430,164	8/2002	Jones et al.			
	72.	6,516,192	2/2003	Spauer et al.			
	73.	6,636,790	10/2003	Lightner et al.			
	74.	6,714,857	3/2004	Kapolka et al.			
	75.	7,084,735	8/2006	Kapolka			
	76.	7,155,321	12/2006	Bromley et al.			
	77.	2001/0018628	8/2001	Jenkins et al.			
	78.	2001/0020204	9/2001	Runyon et al.			
	79.	2002/0007237	1/2002	Phung et al.			
	80.	2002/0016655	2/2002	Joao			
	81.	2002/0049523	4/2002	Diaz et al.			

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	82.	2002/0133273	9/2002	Lowrey et al.			
	83.	2002/0156588	10/2002	Hanson et al.			
	84.	2002/0173885	11/2002	Lowrey et al.			
	85.	2002/0177926	11/2002	Lockwood et al.			
	86.	2003/0004624	1/2003	Wilson et al.			
	87.	2003/0093199	5/2003	Mavreas			
	88.	2003/0105565	6/2003	Loda et al.			
	89.	2003/0158656	8/2003	David			
	90.	2003/0162523	8/2003	Kapolka et al.			
	91.	2004/0039504	2/2004	Coffee et al.			
	92.	2005/0060070	3/2005	Kapolka et al.			
	93.	2005/0085963	4/2005	Kapolka et al.			
	94.	2005/0203673	9/2005	El-Hajj et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	95. EP 0 681 951 A1	11/1995	EP				
	96. EP 0 581 558 B1	4/1997	EP				
	97. EP 1 081 670 A2	3/2001	EP				
	98. EP 1 128 333 A2	3/2001	EP				
	99. GB 1 398 005	6/1975	GB				
	100. GB 2 288 892 A	11/1995	GB				
	101. GB 2 340 974 A	3/2000	GB				
	102. GB 2 348 090 A	9/2000	GB				

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	103.	DE 44 23 328	1/1996	DE				
	104.	KR 0153605	5/1997	KR				
	105.	TW 3 66 478	8/1999	TW				
	106.	WO 01/38145 A1	5/2001	PCT				
	107.	PCT/US01/024616	8/2001	PCT				
	108.	WO 02/17184 A1	2/2002	PCT				
	109.	WO 01/55690	1/2001	PCT				
	110.	DE 10254284	12/2003	DE			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

	111.	Korean Office Action mailed Nov. 16, 2004.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.